

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

1. (original) A system for determining performance of a technology based software component of an application under test in response to load, the system comprising:
 - a) coordination software;
 - b) at least one code generator, receiving as an input commands from the coordination software and having as an output client test code;
 - c) at least one test engine, receiving as an input commands from the coordination software, the test engine comprising a computer server having at least one software implementation of a processor executing at least one instance of the client test code;
 - d) at least one data log having computerized memory, the memory holding timing data created by the instances of the client test code ; and
 - e) at least one data analyzer software, operatively connected to the data log, having an output that represents performance of the software component of the application under test in response to load.
2. (original) The system of claim 1 wherein said at least one software implementation of a processor executes multiple threads, each thread comprising an instance of the client test code.
3. (original) The system of claim 2 wherein said at least one software implementation of a processor is synchronized to start execution of an instance of the client test code with another of said at least one software implementation of a processor about to start execution an instance of the client test code.
4. (original) The system of claim 3 wherein the synchronization of at least one software implementation of a processor to another of said at least one software implementation of a processor is performed independently of the time set on each system.

5. (original) The system of claim 3 wherein said at least one software implementation of a processor is set to start execution of the client test code a predetermined time after another of said at least one software implementation of a processor is set to start execution of the test client code.
6. (original) The system of claim 2 wherein said at least one software implementation of a processor is set to start execution of the client test code independent of another of said at least one software implementation of a processor set to start execution of the client test code.
7. (original) A computer program product for determining performance of a technology based software component of an application under test in response to load, the computer program product comprising a computer usable medium having computer readable code thereon, including program code comprising:
 - a) instructions for coordination software;
 - b) instructions for at least one code generator, receiving as an input commands from the coordination software and having as an output client test code;
 - c) instructions for at least one test engine, receiving as an input commands from the coordination software, the test engine comprising a computer server having at least one software implementation of a processor executing at least one instance of the client test code;
 - d) instructions for providing at least one data log having computerized memory, the memory holding timing data created by the instances of the client test code; and
 - e) instructions for providing at least one data analyzer, operatively connected to the data log, having an output that represents performance of the software component of the application under test in response to load.
8. (original) The computer program product of claim 7 further comprising instructions for causing said at least one software implementation of a processor to execute multiple threads, each thread comprising an instance of the client test code.

9. (original) The computer program product of claim 7 further comprising instructions for causing said at least one software implementation of a processor to be synchronized to start execution of an instance of the client test code with another of said at least one software implementation of a processor about to start execution an instance of the client test code.
10. (original) The computer program product of claim 9 further comprising instructions wherein the synchronization of at least one software implementation of a processor to another of said at least one software implementation of a processor is performed independently of the time set on each system.
11. (original) The computer program product of claim 9 further comprising instructions wherein said at least one software implementation of a processor is set to start execution of the client test code a predetermined time after another of said at least one software implementation of a processor is set to start execution of the test client code.
12. (original) The computer program product of claim 8 further comprising instructions wherein said at least one software implementation of a processor is set to start execution of the client test code independent of another of said at least one software implementation of a processor set to start execution of the client test code.
13. Canceled
14. Previously canceled
- 15-18. Canceled
19. Previously canceled
- 20-32. Cancelled

Appl. No. 09/548,203
Reply to Office Action of September 4, 2003

Docket No. EMPIR-019PUS

33. Previously canceled

34-35. Cancelled

36. Previously canceled